

INTERNATIONAL SEARCH REPORT

International	Application No.
PCT/EP 03/12393	

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	C03B1/02	C03B5/00	C03C1/00	C03C1/02	C03C13/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C03B C03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 617 045 A (BRONSHTEIN BORIS) 14 October 1986 (1986-10-14) column 1, line 24 - line 40 column 6, line 1 - line 63 column 4, line 32 - line 48 column 5, line 31 - line 35; claims 1,2	1-9, 11-13
X	WO 97/22563 A (KAGLUND ARNE ; RANLOV JENS (DK); VISLER TORBEN (DK); ROCKWOOL INT (DK) 26 June 1997 (1997-06-26) page 6, line 9 - page 7, line 35 page 8, column 11 - page 9, column 22; example 1	1-13

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

23 February 2004

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Information	Application No
PCT/EP 03/12393	

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/76929 A (ROCKWOOL INT ; SMIT RAYMOND (NL); CUYPERS JEAN MARIE WILHELMUS (NL)) 21 December 2000 (2000-12-21) page 3, line 24 - page 4, line 26 page 13, line 3 - line 29 page 14, line 35 - page 15, line 20	1-9, 11-13
Y	WO 99/28248 A (JENSEN SOREN LUND ; ROCKWOOL INT (DK); CHRISTENSEN VERMUND RUST (DK)) 10 June 1999 (1999-06-10) column 6, line 18 - column 7, line 4; claim 1; example 3	1-13
Y	WO 99/28252 A (NYKYEL GUIDO ; WITTKAMP PETER (DE); RANLOV JENS (DK); ROCKWOOL INT (DK) 10 June 1999 (1999-06-10) page 10, line 7 - page 11, line 28; examples 2,3	1-13
A	EP 0 033 133 A (LICENCIA TALALMANYOKAT) 5 August 1981 (1981-08-05) page 4 - page 6	1-13
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 07. 31 July 1996 (1996-07-31) & JP 8 067527 A (HIKARI GIKEN:KK; HASEGAWA YASUKAZU), 12 March 1996 (1996-03-12) abstract	1
A	EP 1 061 053 A (NITTO BOSEKI CO LTD) 20 December 2000 (2000-12-20) the whole document	1-13
A	US 4 287 142 A (HOLBEK KJELD) 1 September 1981 (1981-09-01) the whole document	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International

Application No.

PCT/EP 03/12393

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4617045	A	14-10-1986	NONE		
WO 9722563	A	26-06-1997	AT 190593 T AU 1372197 A BG 62480 B1 BG 102527 A DE 69607206 D1 DE 69607206 T2 WO 9722563 A1 EP 0866776 A1 SI 866776 T1 SK 79598 A3		15-04-2000 14-07-1997 30-12-1999 29-01-1999 20-04-2000 13-07-2000 26-06-1997 30-09-1998 31-10-2000 11-06-1999
WO 0076929	A	21-12-2000	AU 6149400 A WO 0076929 A1 EP 1192112 A1 HU 0300503 A2 PL 352713 A1		02-01-2001 21-12-2000 03-04-2002 28-06-2003 08-09-2003
WO 9928248	A	10-06-1999	AT 218119 T AT 235428 T AU 2051999 A AU 2157099 A CA 2312836 A1 DE 69805655 D1 DE 69805655 T2 DE 69812699 D1 WO 9928247 A1 WO 9928248 A1 EP 1042238 A1 EP 1036041 A1 AT 218118 T AU 1758099 A DE 69805648 D1 DE 69805648 T2 WO 9928246 A1 EP 1036040 A1 HU 0100313 A2 SI 1036040 T1 AT 214038 T AU 2156999 A AU 2157299 A CA 2312838 A1 DE 69804137 D1 DE 69804137 T2 WO 9928252 A1 WO 9928251 A1 EP 1037861 A1 EP 1036043 A1 ES 2172954 T3 HU 0004516 A2 HU 0101003 A2 JP 2001524447 T PL 341005 A1 PT 1036043 T SI 1036043 T1 SK 7952000 A3		15-06-2002 15-04-2003 16-06-1999 16-06-1999 10-06-1999 04-07-2002 17-10-2002 30-04-2003 10-06-1999 10-06-1999 11-10-2000 20-09-2000 15-06-2002 16-06-1999 04-07-2002 17-10-2002 10-06-1999 20-09-2000 28-12-2001 31-10-2002 15-03-2002 16-06-1999 16-06-1999 10-06-1999 11-04-2002 26-09-2002 10-06-1999 10-06-1999 27-09-2000 20-09-2000 01-10-2002 28-04-2001 28-06-2001 04-12-2001 12-03-2001 30-08-2002 31-08-2002 12-03-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/EP 03/12393

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9928252	A	10-06-1999	AT AT AU AU AU CA CA DE DE DE WO WO WO EP EP EP ES HU HU JP PL PT SI SK AT AU CA CZ DE DE WO EP ES HU PL SK	235428 T 214038 T 2156999 A 2157099 A 2157299 A 2312836 A1 2312838 A1 69804137 D1 69804137 T2 69812699 D1 9928252 A1 9928248 A1 9928251 A1 1037861 A1 1036041 A1 1036043 A1 2172954 T3 0004516 A2 0101003 A2 2001524447 T 341005 A1 1036043 T 1036043 T1 7952000 A3 207042 T 1563799 A 2312837 A1 20001859 A3 69802111 D1 69802111 T2 9928253 A1 1036044 A1 2163900 T3 0100204 A2 341004 A1 7962000 A3	15-04-2003 15-03-2002 16-06-1999 16-06-1999 16-06-1999 10-06-1999 10-06-1999 11-04-2002 26-09-2002 30-04-2003 10-06-1999 10-06-1999 10-06-1999 27-09-2000 20-09-2000 20-09-2000 01-10-2002 28-04-2001 28-06-2001 04-12-2001 12-03-2001 30-08-2002 31-08-2002 12-03-2001 15-11-2001 16-06-1999 10-06-1999 11-04-2001 22-11-2001 04-07-2002 10-06-1999 20-09-2000 01-02-2002 28-12-2001 12-03-2001 12-03-2001
EP 0033133	A	05-08-1981	DE EP WO	3002346 A1 0033133 A1 8102155 A1	13-08-1981 05-08-1981 06-08-1981
JP 8067527	A	12-03-1996	NONE		
EP 1061053	A	20-12-2000	EP WO	1061053 A1 0040517 A1	20-12-2000 13-07-2000
US 4287142	A	01-09-1981	DK AT BE CH DE FI FR GB NL NO SE SE	302076 A 470577 A 856367 A1 621319 A5 2729696 A1 772044 A 2356605 A1 1529288 A 7707203 A 772349 A 418737 B 7707653 A	03-01-1978 15-02-1982 31-10-1977 30-01-1981 05-01-1978 03-01-1978 27-01-1978 18-10-1978 04-01-1978 03-01-1978 22-06-1981 03-01-1978